

Title (en)  
ELECTRICAL PENETRATOR ASSEMBLY

Title (de)  
ELEKTRISCHE PENETRATORBAUGRUPPE

Title (fr)  
ENSEMBLE PÉNÉTRATEUR ÉLECTRIQUE

Publication  
**EP 2964879 A4 20161102 (EN)**

Application  
**EP 14760757 A 20140218**

Priority  
• US 201313786203 A 20130305  
• US 2014016810 W 20140218

Abstract (en)  
[origin: US2013183853A1] An electrical penetrator assembly has a ceramic housing with a through bore, a first electrical conductor extending through at least part of the bore and terminating and having an outer end outside the bore and a second end, and a second electrical conductor having a first end in electrical communication with the second end of the first conductor and an outer end. The second end of the first conductor and the first end of the second conductor are in electrical communication and at least one of the conductors is movable relative to the other conductor to accommodate expansion and contraction as a result of temperature variations, and first and second seals extend between respective ends of the ceramic housing and the first and second conductor, respectively.

IPC 8 full level  
**H01R 13/523** (2006.01); **E21B 7/28** (2006.01); **E21B 43/11** (2006.01)

CPC (source: EP US)  
**E21B 33/0385** (2013.01 - EP); **H01R 13/523** (2013.01 - US); **H02G 3/22** (2013.01 - EP US)

Citation (search report)  
• [XA] US 8287295 B2 20121016 - SIVIK GREGORY [US], et al  
• See references of WO 2014137581A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2013183853 A1 20130718**; **US 8968018 B2 20150303**; BR 112015021152 A2 20170718; BR 112015021152 A8 20191203;  
EP 2964879 A1 20160113; EP 2964879 A4 20161102; EP 2964879 B1 20190410; WO 2014137581 A1 20140912

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**US 201313786203 A 20130305**; BR 112015021152 A 20140218; EP 14760757 A 20140218; US 2014016810 W 20140218